

ABSTRACT

A system for locating inflamed plaque in a vessel is provided herein. The system includes a receiver, a positioner and a sensor. The receiver receives information about a vessel wall of the vessel. The positioner is used
5 to position the receiver in the vessel to receive information from the vessel wall. The sensor is connected to the receiver. In use, the positioner selectively moves the receiver in the vessel to collect information about the vessel wall. The information is then transferred to the sensor to determine the temperature at the vessel wall. Temperatures at various locations can be
10 taken, with elevated temperatures being indicative of inflamed plaque.

PATENT: 11193.1.1/SGR/clm

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